



# Monthly



Volume 2, Issue 1

PMA 290M

Multi-mission Maritime Aircraft

Patuxent River, Md.

<http://mmaprogram.nawcad.navy.mil/>

## MMA Update:

MMA Monthly's purpose is to apprise MMA's constituents of the most recent updates in the program. This second issue of volume two of MMA Monthly focuses on MMA's transition into Phase II of the CAD stage and the eventful path it had in getting there.

## Message from the Team Lead:

As we're now entering CAD Phase II, the last stage before SDD, we have to remember where we came from. This program started from the ground up – as a grassroots campaign initiated by concerned engineers who knew both the importance and the fatigue life of the MPRF. This program is our last chance to recapitalize the MPRF. It's our last chance to give the warfighters what they need to succeed. We've generated both a great team and a well-deserved recognition. Let's keep our promise to the warfighter!

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## Team Focus:

*Don't let the increased pressure take its toll on the quality of work that we've witnessed in the past couple months. Keep up the superior performance we've witnessed so far. Stay the course!*

*241 working days left until MS B.*

MMA's purpose is to recapitalize the P-3C and EP-3E capabilities. The former P-3 Requirements Officer, CAPT Brendan Gray, guided MMA through two years of fleet user team meetings and analytical studies, providing a firm base for the Mission Need Statement – validated by the JROC on 29 FEB 00. On 22 MAR 00, MMA received Milestone 0 approval for entry into Concept Exploration (CE). Since MMA is an ACAT ID program, the Milestone Decision Authority (MDA) is USD (AT&L). MMA ended CE with MDA approval and on 18 Jan. 02 entered Component Advanced Development (CAD). The Source Selection Authority, who approved the Source Selection Plan for the MMA CAD contracts, is John Young, ASN (RDA). The finalized CAD RFP was released on 20 Mar. 02. CAD contracts, awarded 10 Sept. 02, commence the five-month Industry Phase I. CAD will then continue with Industry Phase II, scheduled to begin 13 Feb. 03, until MS B on 20 Jan. 04. At this time the SDD phase will begin and a single prime contractor will be selected. The schedule beyond MS B is alternative dependent; however, an IOC of 2012 is targeted. An MMA Web site containing program updates is available at <http://mmaprogram.nawcad.navy.mil/>

## Welcome Aboard

Please welcome aboard the newest member of the MMA team: Luis Fortuno. To learn more about his background and previous experience, read next month's issue of the MMA Monthly.



Luis Fortuno, Mission Systems Avionics SE & IACO

## MMA OVERVIEW



Boeing 737-700 Concept



Lockheed Martin Orion 21 Concept

## eNEWS

### MMA VTC capability installed in MMA office 3124, bldg 2185

A video teleconferencing (VTC) capability was recently installed in room 3124 to help ensure accurate and timely communication between the MMA government team and its two prime contractors.

It was installed to lessen the demand for room 3150, which also has a VTC capability, because this room was infamously plagued with constant reservations.

Both the VTC and the television in 3124 are not to be turned off at any time. There is a binder located in the VTC cabinet with operating instructions and help desk numbers.

The Bonded number is 301-995-5056 and the Dual number is 301-995-5056/301-995-5056.

Scheduling of this conference room will be limited to MMA team meetings since it is located in a "Competition Sensitive Area." Other requests for use of this room will be considered on a case-by-case basis through Plans & Controls. Please contact Vicky Briscoe, 301-342-7145 or [briscoeva@navair.navy.mil](mailto:briscoeva@navair.navy.mil) for reservations and/or assistance.

### Does a now-defunct Australian airline's logo hint to the future of the Multi-mission Maritime Aircraft program's logo? Which is which?



MacRobertson Miller Airlines (MMA) was a western Australian airline based out of Perth. The airline started up in western Australia in 1934 after a pilot named Horrie Miller gained the financial backing of Sir MacPherson Robertson - of MacRobertson's Chocolates - to form MacRobertson Miller Aviation Co. Ltd. (MMA). MMA eventually grew to a sizeable airline and ultimately beat Norman Brearley's West Australian Airways (WA) bid for the renewal of the North-West contract, taking over the air service from Perth to north western Australia. WA then began air services to the remote gold mining communities in the east of the state.

In 1956 these two airlines amalgamated and served the whole of Western Australia and parts of the Northern Territory. In 1963 Ansett Transport Industries, the major privately owned airline in Australia, gained a controlling share of MMA and in 1981 it was renamed Airlines of Western Australia. In November 1984 the airline was renamed Ansett WA and on 1 July 1993 it was absorbed into Ansett Australia.



### CAD Phase II to begin this month

Later this month, the MMA program will enter CAD Industry Phase II, an 11-month phase culminating with a Milestone B contract award to one prime contractor for one concept. This concept will ultimately be developed and demonstrated in the system development and demonstration (SDD) phase – the phase where previous MPRF recapitalization programs have failed.

What makes the MMA program different, however, is its retrospection. Many of the MMA engineers remember vividly these prior programs and have leveraged the lessons learned to help create a realistic set of standards and requirements.

This mature philosophy has permeated through the program. MMA personnel have consistently ensured stable communication with their contractors, which has helped them to keep their thoughts and actions in concert, and have set firm standards about avoiding requirements creep.

According to CDR Joe Rixey, MMA's Product Team Leader, the MMA team has also used time to their advantage by taking a steady, non-rushed pace.

Rixey said in a recent MMA team meeting that the program probably could have rushed right into the SDD phase, speeding through a truncated version of CAD. But, according to CDR Rixey, CAD has been a great benefit for the Navy and taxpayers alike because it generates more fiscal prudence in the long run.

"The CAD activities are going as planned ... the risk reduction effort is working," he added. "Let's stick to the current execution strategy."

In CAD Industry Phase II, each contractor will provide a proposal to study both the Search-and-Attack (SA) variant and the Surveillance-and-Intelligence (SI) variant, providing an opportunity for Industry to refine their proposed concepts based on the results of CAD Phase I.

The schedule beyond MS B is alternative dependent; however, if the current pace is maintained, the first flight of the MMA can be expected as early as 2008.

## eNEWS continued

### PBD-751 officially repeals PBD-113's financial mark against MMA, other DoD programs

MMA's finances are now officially restored.

Pentagon Comptroller Dov Zakheim approved Program Budget Decision (PBD) 751 on January 6, rescinding direction previously issued in PBD 228, PBD 130, and PBD 113.

The new PBD, initiated by OSD, is a big relief to the Navy – and other

services – as it offsets the cost of its bills. It comes at the potential cost of several future warships.

The release of the new PBD is good news to many DoD programs, including the MMA program, which was hit hard in November by PBD 113. The new PBD officially reversed plans to cut \$28.2 million from

MMA over the course of two years.

MMA's program schedule is now also back to its original itinerary, with an estimated SDD commencement date planned for January 20, 2004.

The new PBD also approves and implements several

changes to the December 12 program decision memorandum (PDM).

Some pertinent changes involve the sustainment program for PMA 290's EP-3 program and the P-3 Anti-Surface Warfare Improvement Program (AIP). Both of these programs have reduced funds in FY 04, but the

P-3 AIP program gains in most other foreseeable years.

For more information concerning these matters, read *Inside the Navy's* January 13 article entitled "At last minute, OSD gives Navy \$1.3 billion to cover bills in FY-04."

### PMA 290 launches security refresher, classified material cleanup day at station theater

A little over 120 people forced their way into the doors of the base theater on the morning of Thursday, January 23 – either because they were excited to hear presentations on security or they were trying to escape the cold.

Although the temperatures that morning varied between 14° and 19° Fahrenheit, the atmosphere inside was warm. Captain Eastburg, who requested the security refresher to remind PMA 290 employees of the magnitude of security, welcomed the group with personal reflections and quickly passed the torch to presenters who spoke on topics ranging from espionage awareness to classified information handling procedures.

An oft-repeated message during the two-and-a-half hour presentation emphasized the importance of regularly cleaning out classified material containers. David Chipman, P-3 Deputy Class Desk, said it is essential to eliminate unnecessary or old classified material as it could potentially clear container space for those who need it.

The presenters tailored their presentations to discuss more daily security uncertainties than they have in the past. The team also worked to ensure the briefings were interesting as well as useful.

The training counted for an annual refresher requirement.

### MMA Offsite overview

Capt. Eastburg and deputy Glenn Perryman both presided over the latest MMA off-site, held in the conference room of the RBC spaces in Expedition IV, to gain insight into the most up-to-date programmatic information concerning PMA 290's flagship program.

Eastburg, who at the end of the day-long meeting claimed that the event was well-prepared and well-presented, gained better insight on many key issues, including finance and technology. He added at the end of the meeting that the MMA leadership team has shown a unique savoir-faire in its communicative strategy and assessment of potential risk.

The off-site, which occurred on January 29, was held to give the MMA leadership team a holistic view of the proposals submitted by both prime contractors. It provided a forum to express candidly the current state of the program – bringing out both comments of concern and commendation.

The MMA leadership team concluded that the program was in excellent shape, as it is on target with both its executing strategy and its schedule.

Also in attendance were several VP-30 personnel, who provided comments about the practicability of certain technical limitations in the contractor proposals. Most importantly, they provided valuable insight into the realities of piloting aircraft in specific warfare situations.

The off-site, which concluded shortly before 5:00 p.m., was followed by a short social event.

### MMA in the news

In a recent Aviation Week and Space Technology article, Robert Wall and David Fulghum report that the Navy is "trying to determine if it is feasible to field the follow-on Multimission (sic) Maritime Aircraft faster than planned."

For the full article, please go to the following link:

<http://ebird.dtic.mil/Feb2003/s20030203150880.html>



### MMA Technical update

According to a February 3 e-mail from Systems Engineering and Integration Team Lead Tom Garrett, a recent MMA Risk Management Board (RMB) meeting was held to identify and update CAD Phase I risks associated with each concept. These were later forwarded to the respective contractors.

The risks will be continually updated throughout CAD and the results of the RMB will be forwarded to the contractors until the release of the SDD RFP. This formal feedback loop allows the offerors insight into the Navy's current assessment of their respective proposed concepts.



The initial list of the SDD CDRLs, which was submitted in late January, will be refined over the next six weeks in preparation for release of the draft SDD RFP on March 20.

The Technical Assessments (TA) for the CAD Phase II efforts has been reviewed and forwarded to contracts. The goal is to sign the contract modifications by February 13 to ensure that there is no gap in the industry effort between CAD phases.

## Points of Contact

MMA Team Lead	301-757-5640
MMA Deputy, Program Operations	301-757-5641
MMA Deputy, Product Development	301-342-8302
Admin Support	301-342-7145
Admin Support (4.1 & 4.11)	301-757-9933
BFM – NAWC (JON info)	301-342-2291
Business Financial Management	301-757-5638
Contract Specialist	301-757-5248
Cost	301-342-0194
International	301-757-5696
Legal	301-757-6003
Management Team Support	301-757-5641
Procuring Contracting Officer	301-757-5240
Public Affairs	301-342-0207

Product Test Team Lead	301-757-0169
Aircraft Systems Team Lead	301-342-2284
Deputy Aircraft Systems	301-757-5669
APMSE Team Lead	301-342-5413
Mission Systems Team Lead	301-757-2411
SI Mission Systems	301-757-7647
Mission Systems Team Support	301-862-3509 x7421
MS&OA Team Lead	301-342-8294
MS&OA Deputy Team Lead	301-995-4256
Off-board Systems Team Lead	301-757-5709
Security Team Lead (acting)	301-757-2961
Plans & Controls Team Lead	301-342-2368
Product Support Team Lead	301-757-6735
Product Support Deputy APML	301-757-2871

 <b>February</b>				
<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
<b>3</b> MMA Team leadership meeting 1530-1630	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>10</b> MMA Team leadership meeting 1530-1630	<b>11</b> Team Lead Progress Report Due COB	<b>12</b>	<b>13</b>	<b>Valentine's Day 14</b> WIPT-Cost Performance (1000-1100) 
<b>President's Day 17</b>	<b>18</b>	<b>19</b> Target date for WIPT-A	<b>20</b>	<b>21</b>
<b>24</b> MMA Team leadership meeting 1530-1630	<b>25</b> Team Lead Progress Report Due COB	<b>26</b>	<b>27</b>	<b>28</b>

## Announcements / Updates

**MMA shirts:** The third batch of shirts was received complete in mid-January. If you placed an order in this batch, please pick up your shirt(s) at Justin Ward's cubicle (bldg. 2185, rm 3100-C1). If you still haven't ordered a shirt or you would like to order more, please contact Justin Ward [wardjm2@navair.navy.mil](mailto:wardjm2@navair.navy.mil) or Vicky Briscoe [briscoeva@navair.navy.mil](mailto:briscoeva@navair.navy.mil) for an order form. Shirts are \$26 each. Please make checks out to RBC, Inc.

**MMA mugs:** Mugs are still available. Please make requests to Justin Ward. They are \$6 each.

**MMA public Web site:** Please view the public Web site if you have not and direct questions and comments to Justin Ward, [wardjm2@navair.navy.mil](mailto:wardjm2@navair.navy.mil); Jeff Smallwood, [smallwoodjm@navair.navy.mil](mailto:smallwoodjm@navair.navy.mil); or Heather Adams, [hadams@sabresys.com](mailto:hadams@sabresys.com). The Web site is available at <http://mmaprogram.nawcad.navy.mil/>.

**MMA Shirt Give-Away:** An extra-large, white MMA shirt will be given away to the person who comes closest to correctly guessing the date that MMA will award the SDD contract. Currently, the SDD contract is set to be awarded on January 23, 2004, however, as any experienced acquisition professional knows, picking a date only ensures that that date will be the only one that the contract is not awarded on. Participants will be allowed to begin guessing Tuesday, May 1, 2003. The final date to place a guess will be Wednesday, December 1, 2003. Please contact Vicky Briscoe ([briscoeva@navair.navy.mil](mailto:briscoeva@navair.navy.mil)) for more info.



January 2004						February 2004						March 2004					
				1	2		2	3	4	5	6		1	2	3	4	5
5	6	7	8	9		9	10	11	12	13		8	9	10	11	12	
12	13	14	15	16		16	17	18	19	20		15	16	17	18	19	
19	20	21	22	23		23	24	25	26	27		22	23	24	25	26	
26	27	28	29	30								29	30	31			
April 2004						May 2004						June 2004					
				1	2		3	4	5	6	7			1	2	3	4
5	6	7	8	9		10	11	12	13	14		7	8	9	10	11	
12	13	14	15	16		17	18	19	20	21		14	15	16	17	18	
19	20	21	22	23		24	25	26	27	28		21	22	23	24	25	
26	27	28	29	30		31						28	29	30			

## Job Opportunities

Announcement	AOC	Title	Series/Grade	Location	Open/Close Dates
NONE					

## Feedback Feedback Feedback Feedback Feedback Feedback

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